HOW TO USE THE DESIGN TABLES

- Based on the site conditions and retaining wall location, determine if the wall will have a variable heel size (no limitation on the size of the heel), a 6-in or 2-in heel size, then

- Determine if the wall is retaining a level or sloping backfill, or level backfill with vehicular surcharge, then

- Based on the conditions noted above, select the appropriate design table (for ex. Variable heel (Minimum toe), 1.5 to 1 slope), then

- Move across the table and find the applicable retaining wall height (for ex. 6'-8"). Retaining wall height is measured from the top of the footing to to the top of the wall. The design data found under that column (for ex. column titled CVV15-68) is what applies to the wall. Then,

- From the design data under the applicable column, determine if the wall is TYPE I or II, in case of the example TYPE II, then

- Transfer the design data to the appropriate drawing, CVCS 31 for TYPE I wall and CVCS 32 for TYPE II wall, as shown on the attached example, then

- Indicate on the plot plan the location and extent of where each wall type (for ex. CVV15-68) is to be built.

- Repeat the above steps for each wall with different height and/or conditions (for ex. heel size, backfill slope or vehicular surcharge).

Revised:	Original approval date:		CITY OF CHULA VISTA	
	Redrawn By: CVM	Date: 9-25-01	PUBLIC WORKS DEPARTMENT	
	CITY ENGINEER Date: 12/10/01		RETAINING WALL	CVCS
			REQUIREMENTS	30
	BUILDING OFFICIAL Date: 12/10/01		PUBLICATION OUTLINES	SH. 6 OF 6